

## NEAR DETECTOR:

Uptime last week:

96.44% (P.O.T. Weighted)

Issues from last week

Channels for one PMT had to be recalibrated

Swapped out a fan pack for one FEB rack

Retuned sump pump flow rate for cooling water

Plans

Swap out another fan pack

## FAR DETECTOR:

Uptime last week:

99.32% (wall time)

99.89% (P.O.T. Weighted)

Issues from last week

Faulty air flow sensor (1 of 2) in FEB rack

Problem with spare GPS timing

Fixed with card swap

Plans

Swap out faulty air flow sensor

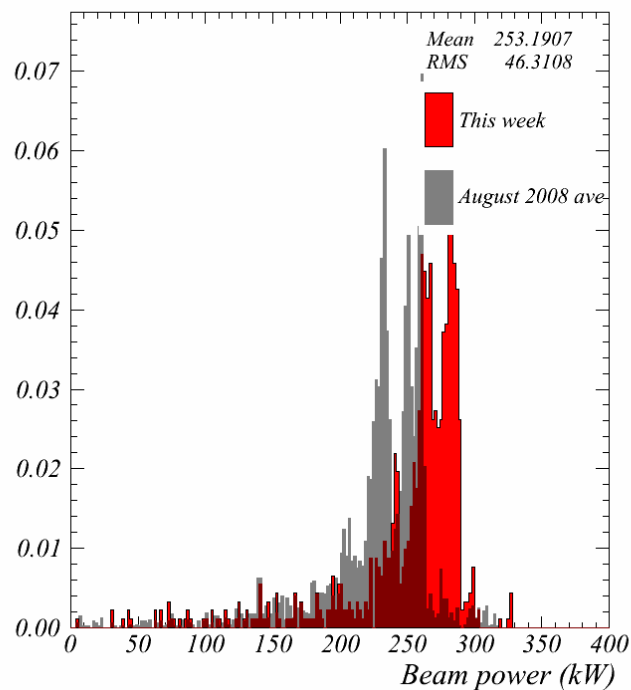
## NuMI:

NuMI has been running smoothly

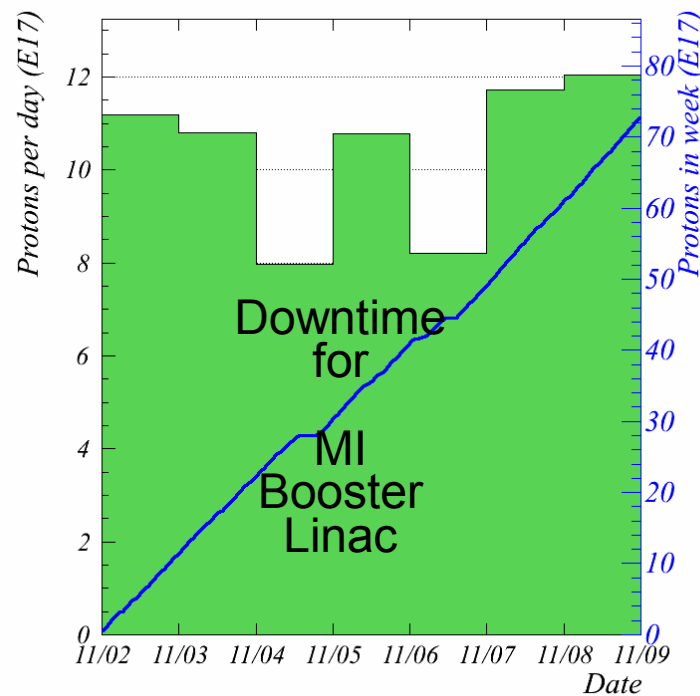
7.27 e18 POT collected last week

5<sup>th</sup> best week

*Week ending 00:00 Monday 09 November 2009*



*Week to 00:00 Monday 09 November 2009*



## NuMI:

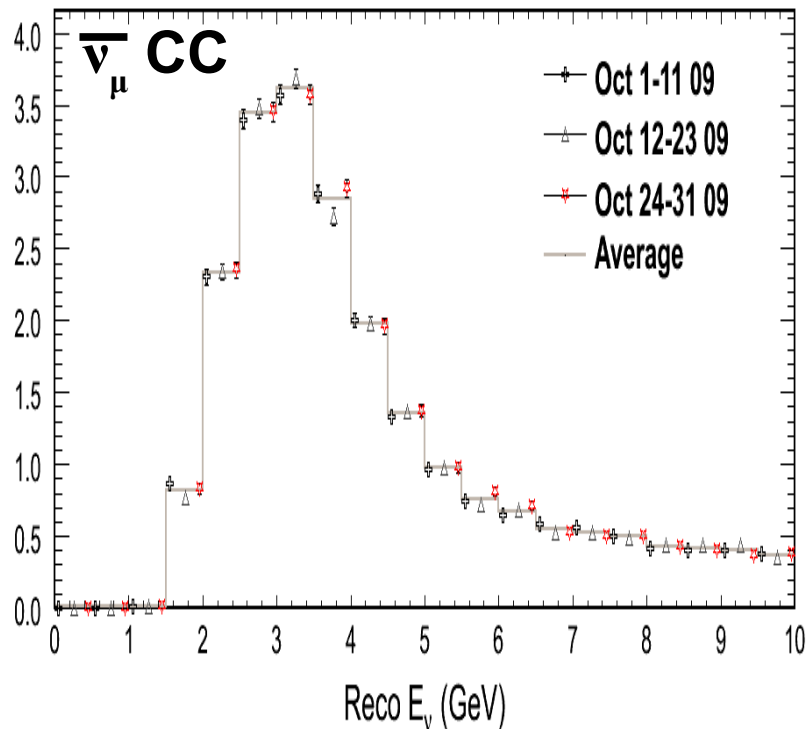
### Target update:

Installed new target over shutdown

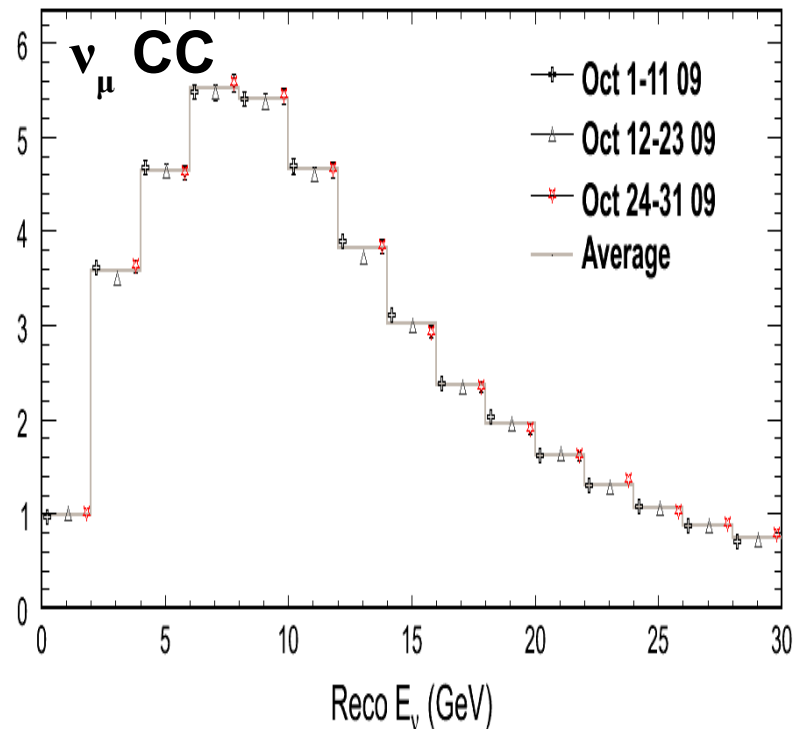
Old target was degrading and changing E spectrum

New target E spectrum appears to be stable (within stats)

Neutrino Energy Spectrum Stability

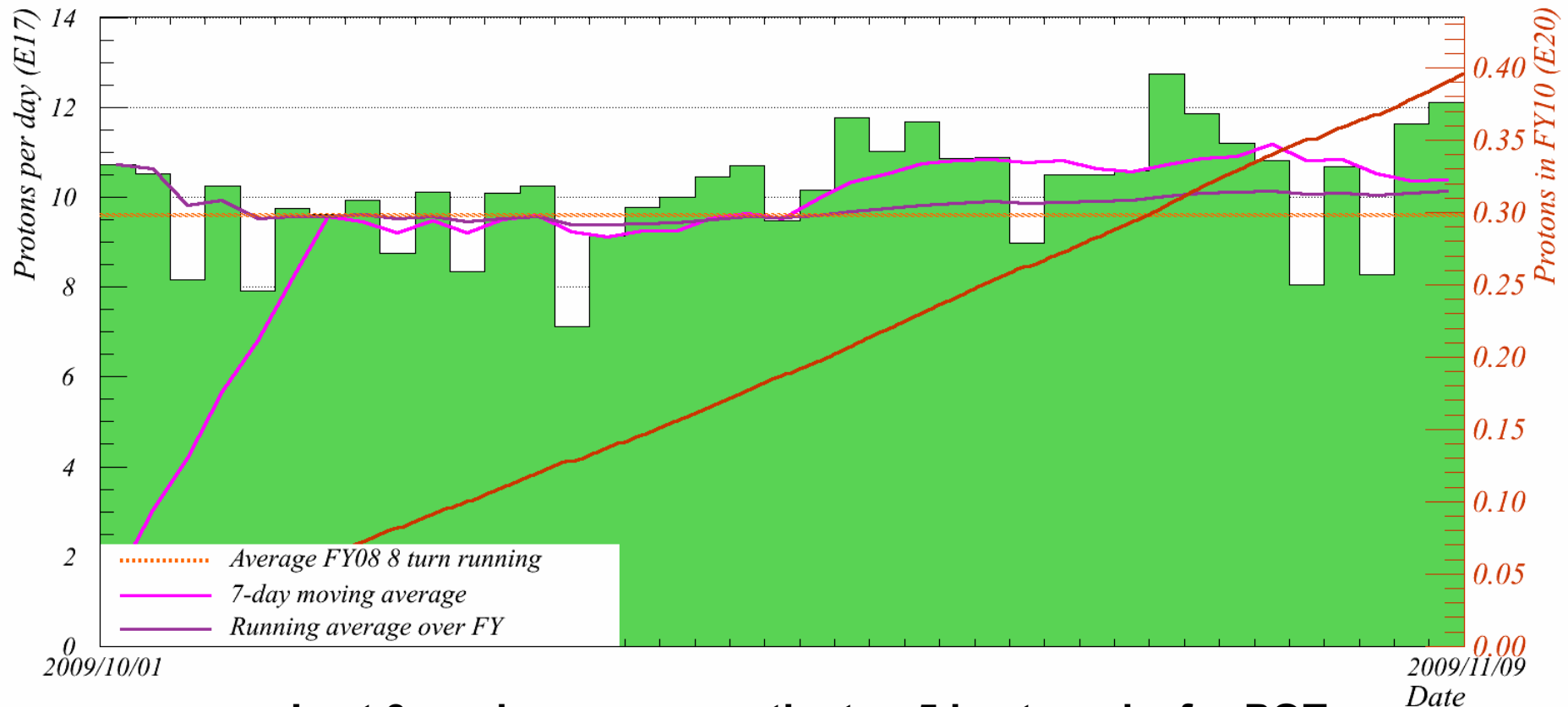


Neutrino Energy Spectrum Stability



## Protons on Target for FY10

*FY10 NuMI protons to 00:00 Monday 09 November 2009*



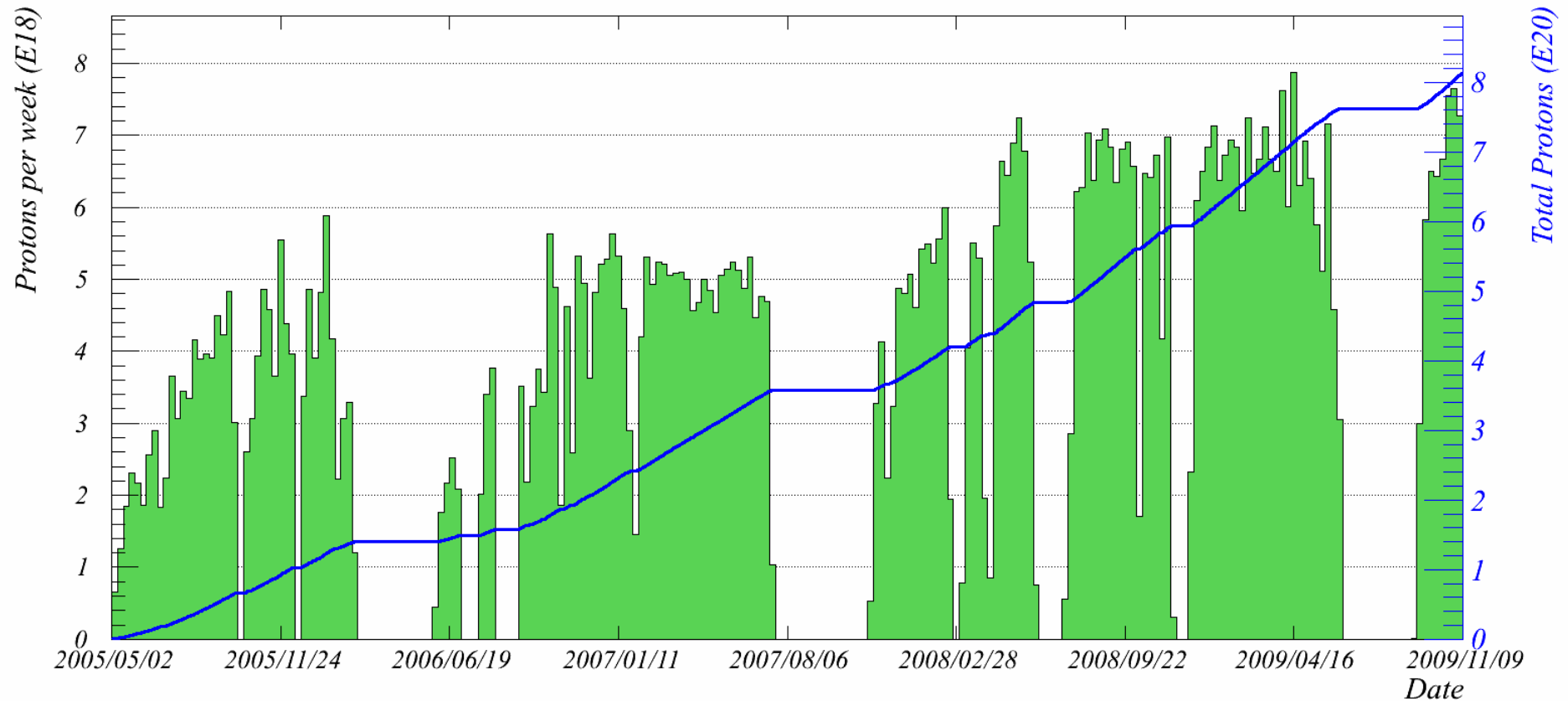
**Last 3 weeks are among the top 5 best weeks for POT**

**4.0e19 integrated protons on target for FY10**

**4.1e19 integrated protons on target for RHC**

## Protons on Target for NuMI

*Total NuMI protons to 00:00 Monday 09 November 2009*



**8.2e20 integrated protons on target**